

## SIRT3 activator 1

## Chemical Properties

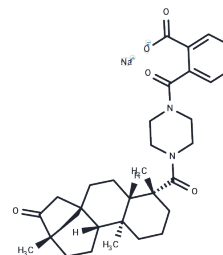
CAS No. :

Formula: C<sub>32</sub>H<sub>41</sub>N<sub>2</sub>NaO<sub>5</sub>

Molecular Weight: 556.67

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.



## Biological Description

Description	SIRT3 Activator 1 (Compound 5v) is a selective activator of SIRT3. It enhances the expression of SIRT3, leading to upregulation of SOD2 and OPA1. This activity effectively mitigates mitochondrial dysfunction, alleviates oxidative stress, and maintains the vitality of cardiac myocytes. SIRT3 Activator 1 is useful in the study of cardiovascular diseases.
Targets(IC50)	Sirtuin

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7964 mL	8.982 mL	17.964 mL
5 mM	0.3593 mL	1.7964 mL	3.5928 mL
10 mM	0.1796 mL	0.8982 mL	1.7964 mL
50 mM	0.0359 mL	0.1796 mL	0.3593 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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